Title (en)

Device for controlling the positioning of a stent graft fenestration

Title (de)

Vorrichtung zur Steuerung der Positionierung eines Stent-Fensters

Title (fr)

Dispositif de contrôle de la mise en place d'une fenestration de greffe d'endoprothèse

Publication

EP 1847234 B1 20090722 (EN)

Application

EP 07007911 A 20070418

Priority

US 37911506 A 20060418

Abstract (en)

[origin: EP1847234A1] A device for controlling the positioning of one or more flexible stent graft fenestrations is disclosed. The stent graft (100) may be for repair of an aneurysm proximate a branch vessel. The stent graft (100) includes a primary graft (102) having an anchoring device (106), a graft material (118) forming a central lumen and at least one flexible fenestration (104a, 104b) in a side wall thereof. A fenestration positioning member (108a, 108b) extends within the stent graft central lumen and has a distal end removably attached to the stent graft proximate the at least one flexible fenestration (104a, 104b). The fenestration positioning member (108a, 108b) may include a tubular member (210) having a wire (214a) extending there through, wherein a sidewall of the tubular member includes an aperture (212) through which a loop (216a) of the wire (214a) extends and removably attaches to the fenestration (104a). Alternatively, the fenestration positioning member (108b) may include a tubular member (210) having a suture (214b) extending therethrough, wherein a loop (216b) of the suture (214b) distally extends from a distal end (211) of the tubular member (210) and is removably attached to the fenestration (104b). The stent graft may include one or more flexible fenestrations, each fenestration having a fenestration positioning member removably attached thereto.

IPC 8 full level

A61F 2/06 (2013.01)

CPC (source: EP US)

A61F 2/07 (2013.01 - EP US); A61F 2/89 (2013.01 - EP US); A61F 2002/061 (2013.01 - EP US); A61F 2002/075 (2013.01 - EP US); A61F 2220/0075 (2013.01 - EP US)

Cited by

WO2011159324A1; WO2010024849A1; AU2010202544B1; EP2606852A1; EP2823846A1; US2017224959A1; US2018043136A1; US11219540B2; US11413177B2; WO2011136931A1; WO2010120550A1; WO2012065625A1; US9656046B2; US11278390B2; US8771336B2; US8702786B2; US8535371B2; US11173024B2; WO2019106057A1; WO2018156848A1; JP2013524999A; EP2420206B1; EP3488817A1; EP3578135A1; JP2021504040A; EP3895660A1; US10265202B2; US11376145B2; US9011517B2; US11291572B2; US8540764B2; US10905541B2; US8915956B2; US11351025B2; US11369466B2; US11801129B2; US10987207B2; US11045303B2; US11491003B2; US11547584B2; US11730584B2; US11779453B2; US8795349B2; US8870939B2; US9277984B2; US9468544B2; US9801706B2; US9808334B2; US10159560B2; US10188503B2; US11399929B2

Designated contracting state (EPC)

DE ES FR GB IE IT

DOCDB simple family (publication)

EP 1847234 A1 20071024; **EP 1847234 B1 20090722**; DE 602007001622 D1 20090903; ES 2330480 T3 20091210; US 2007244547 A1 20071018

DOCDB simple family (application)

EP 07007911 A 20070418; DE 602007001622 T 20070418; ES 07007911 T 20070418; US 37911506 A 20060418